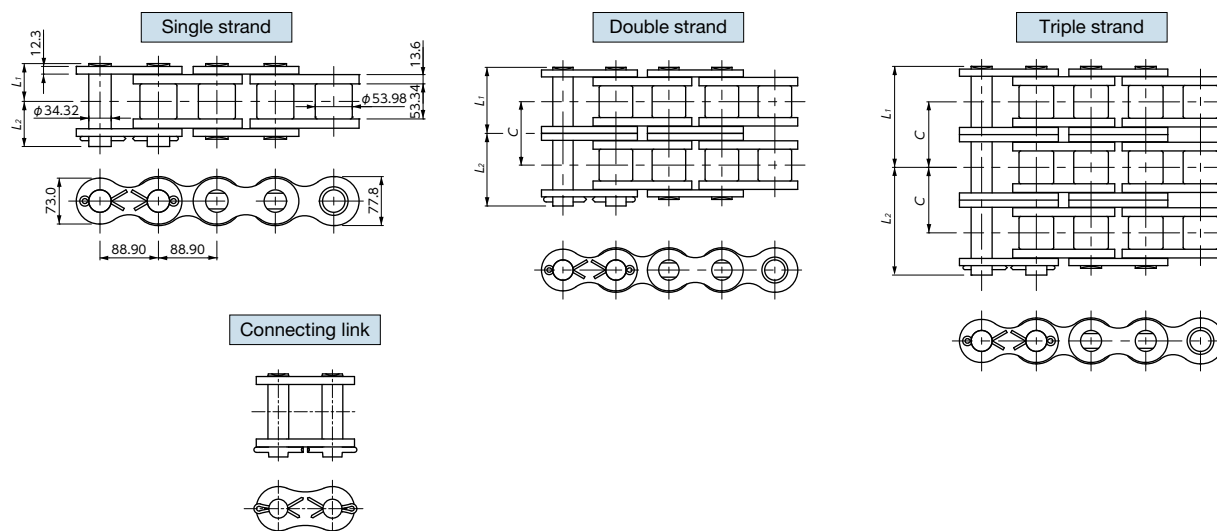




Specifications

Size	Number of strands	Dimensions L ₁	Dimensions L ₂	Offset pin length L	Transverse pitch C	Min. tensile strength kN{kgf}	ISO "B" tensile strength kN{kgf}	Max. allowable load kN{kgf}	Approx. mass kg/m
RS56B	1	57.3	69.0	—	106.6	850 {86700}	850 {86700}	103 {10500}	33.90
	2	110.6	122.3	—		1700 {173000}	1600 {163000}	175 {17800}	67.18
	3	163.9	175.6	—		2250 {229000}	2240 {228000}	257 {26200}	100.40

Note: 1. Offset links are not available.

2. Maximum allowable load when using connecting links is 80% of the above.

3. Number of links per unit = 34.

RS56B Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket no. of teeth	Small sprocket max rpm																				
	5	10	15	20	25	30	40	50	60	80	100	125	150	175	200	250	300	350	400	450	
	AI			AII				B								C					
9	5.23	9.76	14.1	18.2	22.3	26.2	34.0	41.5	48.5	55.7	61.0	65.5	68.1	69.0	68.5	64.1	55.8	44.2	29.9	13.2	
10	5.86	10.9	15.7	20.4	24.9	29.4	38.1	46.5	53.6	61.6	67.4	72.3	75.0	75.9	75.3	70.1	60.7	47.6	31.5	12.7	
11	6.49	12.1	17.5	22.6	27.6	32.6	42.2	51.6	58.7	67.4	73.7	78.9	81.8	82.7	81.9	76.0	65.3	50.8	32.8	11.8	
12	7.13	13.3	19.2	24.8	30.4	35.8	46.3	56.7	63.7	73.1	79.8	85.4	88.4	89.3	88.3	81.6	69.7	53.6	33.7	10.6	
13	7.78	14.5	20.9	27.1	33.1	39.0	50.5	61.8	68.7	78.7	85.9	91.9	95.0	95.7	94.5	87.0	73.9	56.1	34.3	8.98	
14	8.42	15.7	22.6	29.3	35.9	42.3	54.7	66.8	73.6	84.3	91.9	98.2	101	102	101	92.2	77.7	58.3	34.5	6.96	
15	9.08	16.9	24.4	31.6	38.6	45.5	59.0	71.3	78.5	89.8	97.9	104	108	108	106	97.2	81.4	60.2	34.4	4.56	
16	9.73	18.2	26.2	33.9	41.4	48.8	63.2	75.7	83.3	95.2	104	110	114	114	112	102	84.7	61.8	33.9	1.77	
17	10.4	19.4	27.9	36.2	44.2	52.1	67.5	80.0	88.0	101	109	116	120	120	118	106	87.8	63.1	33.1		
18	11.1	20.6	29.7	38.5	47.0	55.4	71.8	84.3	92.8	106	115	122	126	126	123	111	90.7	64.1	32.0		
19	11.7	21.9	31.5	40.8	49.9	58.8	76.1	88.6	97.4	111	121	128	131	131	128	115	93.3	64.8	30.5		
20	12.4	23.1	33.3	43.1	52.7	62.1	80.5	92.9	102	116	126	134	137	137	133	119	95.6	65.2	28.7		
21	13.1	24.4	35.1	45.5	55.6	65.5	84.8	97.0	107	121	132	139	143	142	138	122	97.7	65.3	26.5		
22	13.7	25.6	36.9	47.8	58.4	68.8	89.2	101	111	126	137	145	148	147	143	126	100	65.1	24.0		
23	14.4	26.9	38.7	50.1	61.3	72.2	93.1	105	116	131	142	150	153	152	147	129	101	64.6	21.1		
24	15.1	28.1	40.5	52.5	64.2	75.6	96.7	109	120	136	147	155	158	157	152	132	102	63.8	17.9		
25	15.8	29.4	42.4	54.9	67.1	79.0	100	113	124	141	152	161	163	162	156	135	103	62.7	14.4		
26	16.4	30.7	44.2	57.2	70.0	82.5	104	117	129	146	157	166	168	166	160	138	104	61.3	10.5		

Note: Please contact a Tsubaki representative prior to use of kW ratings in the shaded area of the table.

Multi-strand factors

Number of chain strands	Two strands	Three strands
Multi-strand factor	1.7	2.5

Lubrication systems and methods

Lubrication system	AI	AII	B	C	Details on pg. 218
Method	Manual lubrication	Drip lubrication	Oil bath or slinger disc lubrication	Forced pump lubrication	

Model numbering example

RS56B -1 -RP + 24L -MWJR

Size Number of strands Pin type Number of links End link

Note: Standard roller chains do not require series selection.